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ASX Release
7 November 2024

ASX:TLG

Talga Webinar Presentation

Battery materials company Talga Group Ltd ("**Talga**" or "**the Company**") (**ASX:TLG**) is pleased to provide a copy of the presentation delivered by Talga's Managing Director Mark Thompson during today's investor webinar, Thursday 7 November 2024 at 10:30am AWST / 1:30pm AEDT.

The presentation is available on the Company's website via the link below:

https://www.talgagroup.com/investors/

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Talga Group (ASX:TLG)

Quarterly Webinar November 2024

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Cover image: Talga graphite ore CNC milled into fuel-cell bipolar plate samples.

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Talga Group Ltd (ASX:TLG) a fully integrated battery materials and technology company

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Anode supply from graphitic materials

Emerging producer of Li-ion battery anode products using graphite, graphene and silicon materials

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Overview
Group Summary

Growth market
Battery graphite anode and recycling process tech, silicon and next gen anode products

Green Leader
Powered by renewable electricity. LCA show 92% less GHG emissions than incumbent products

Strategic
Tier 1, high-grade, long-life critical asset. Largest natural graphite resource in Europe

Location
Stable investment jurisdiction (Sweden) and 100% control of entire supply chain/tech

Powerful fundamentals
Low costs underpinned by renewable power grid, existing infrastructure and high process yields

Global accreditations
Operational facilities with ISO 45001, ISO 9001 and ISO 14001 certification

Advanced
Operating EVA coated anode plant since 2022, Commercials validated by DFS & FEED studies

Robust finance plan
€560m CAPEX (ex-contingency). 60% debt gearing syndicate, cornerstoned by EIB €150m

Strong leadership
Decades of experience across wide range of global business areas and relevant industries

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See: ASX:TLG 1 July, 12 August 2021, 31 March 2022, 20 June, 9 August, 6 October 2023, 15 April, 11 June, 2 July, 29 July 2024.

Battery market growth continues

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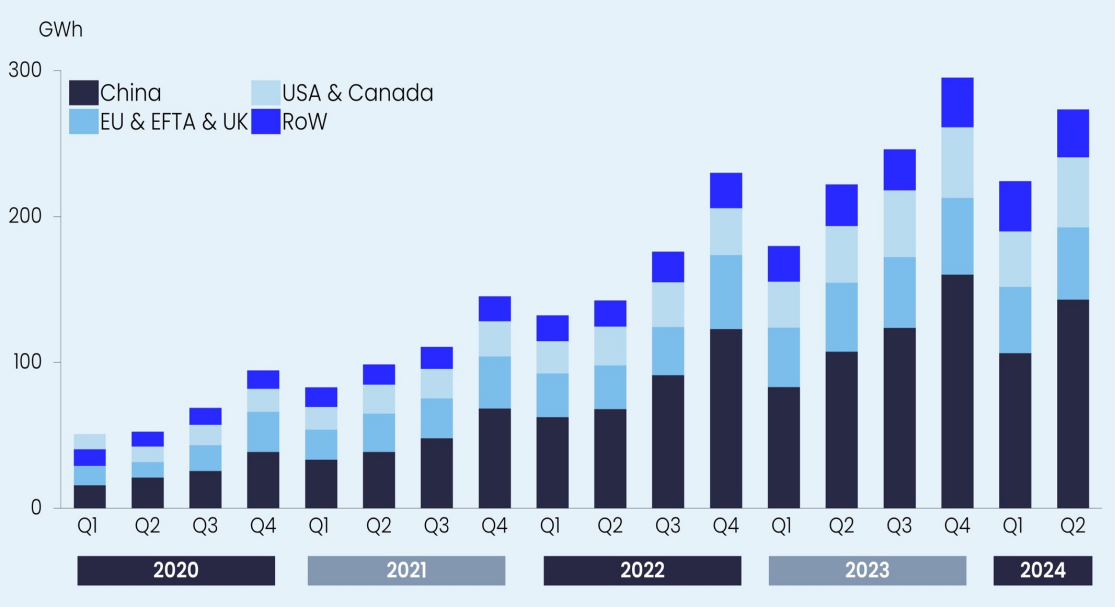
Global sales still in early stage of growth/ramping up

EV, ESS and 3C market Li-ion battery anode demand continues rapid growth compared to legacy material markets

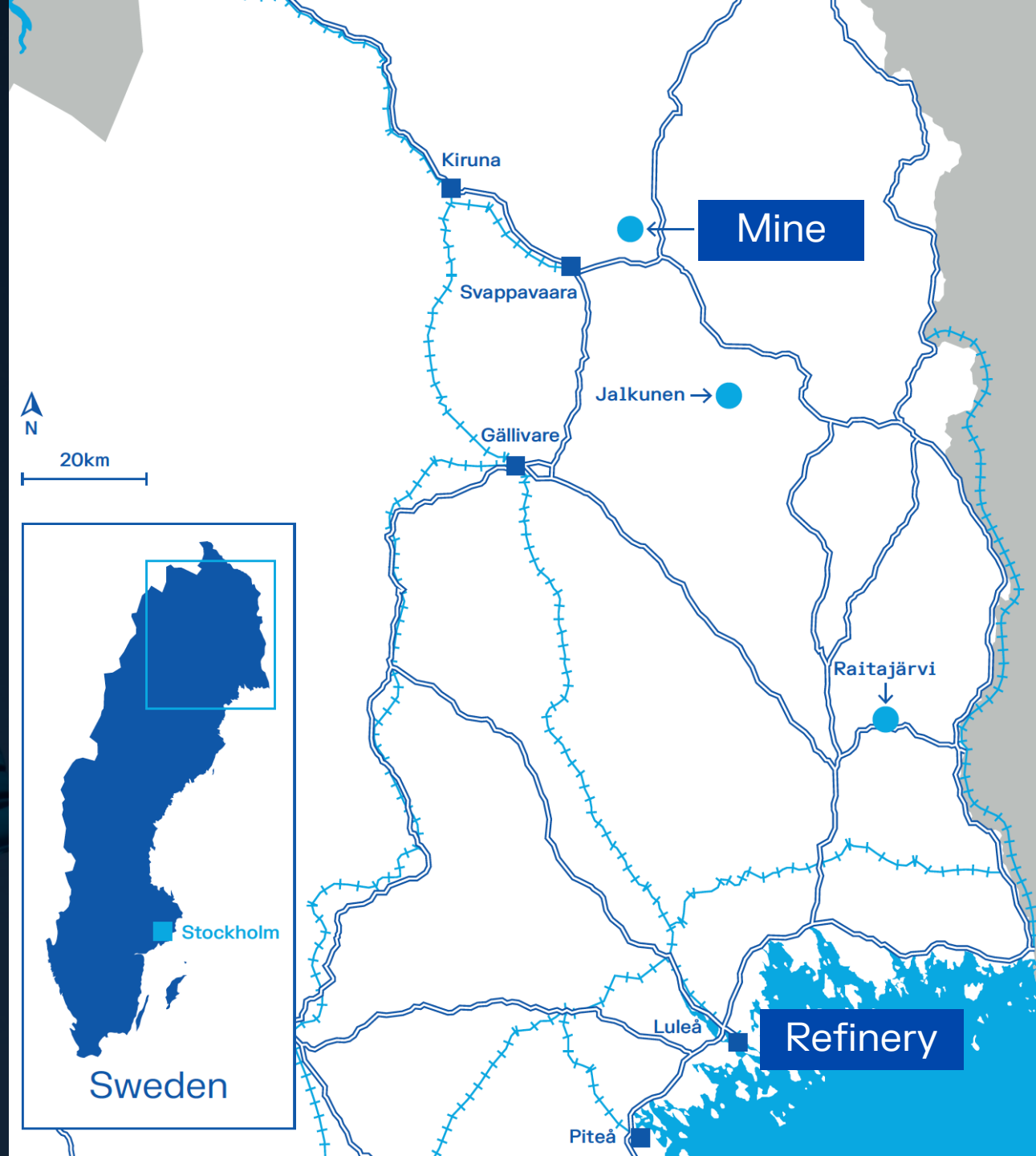
Rho Motion Quarterly Li-ion Battery Demand by Region - all end use markets (EV, ESS, 3C)



Source: Rho Motion H1 2024 Update.

Vittangi Anode Project
Sweden

- Integrated 19,500tpa anode production (Stage 1) with significant expansion potential
- 2024 mining study shows options up to ~425,000tpa anode concentrate
- 100% owned. Europe's largest and highest grade graphite resource
- Premium logistics: direct road/rail to EU customers (1-2 days delivery)
- Hydro and nuclear power grid



See: ASX:TLG 7 December 2020, 1 July 2021, 6 October 2023, 11 June 2024.

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Advanced stage
Anode Project

2024 FEED Study delivers strong results and major permitting milestones achieved

- Major reduction of Refinery building footprint
- 23% reduction in energy consumption
- €560m Capex (excl. contingency) (AACE Class 3 estimate level with a ± 10% accuracy)
- Streamlining of anode and purification equipment and process
- Identification of Refinery capacity expansion potential
- Refinery fully permitted. **Mine environmental permit granted and in force**. Mine exploitation concession granted.
- Commercial production planned 18-24 months after FID

See: ASX:TLG 15 April, 18 October, 31 October 2024.

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Anode Project
Financing

Strategy includes targeted 60:40 debt gearing

- Awarded **€70m Innovation Fund grant** towards Luleå Anode Refinery
- Debt consortium cornerstoned by European Investment Bank approval for €150 million
- Balance of target confirmed with leading investment banks and credit agencies, with equity funding in discussion with potential strategic partners at Project and HeadCo level

Key Finance Partner

European Investment Bank – The EU bank

Key Project Partners

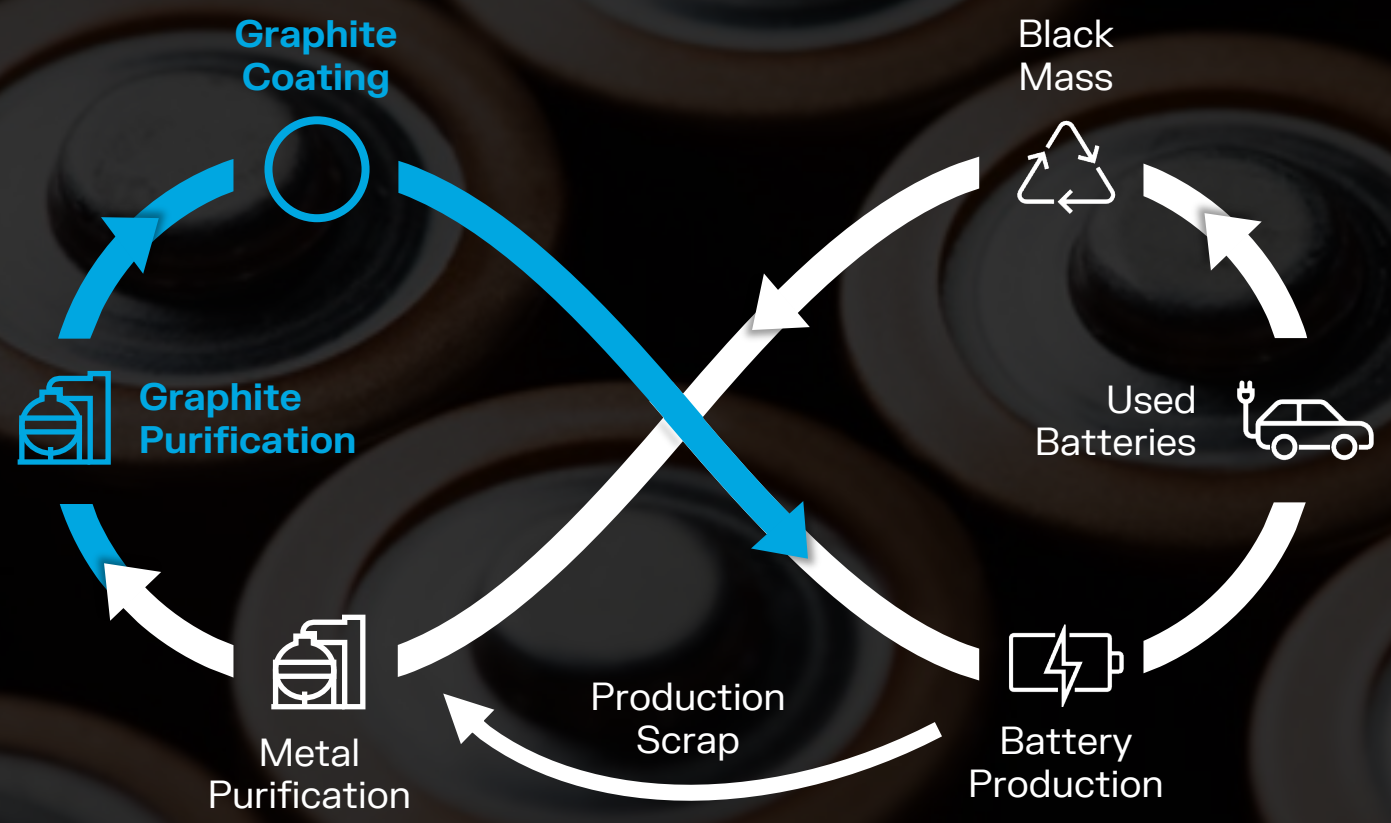
ABB

Worley – energy | chemicals | resources

SWECO

See: ASX:TLG 12 September 2023, 25 October 2024.

Development: Talnode®-C Recycled Series



Talga's innovative purification process and anode production technologies applied to battery black mass supply

Strong drivers from auto OEMs and battery manufacturers facing recycling regulations

Battery testing in progress, early development showing strong potential

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See: ASX:TLG 29 July 2022, 28 March 2024.

Talnode®-C
Recycled Series

Industry partnerships driving development

Promising test results showing high energy capacity and first cycle efficiency

Aurubis agreement builds on other industry partnerships with significant players

Talga wins UK and EU grant funding to support in-house development of recycled anode products and technology

Successful development would open up new commercial avenues and production synergies including expansion to globally diverse sites

See: ASX:TLG 29 July, 10 September, 31 October 2024.

SQM lithium partnership

Aero Lithium Project Earn-in agreement with global lithium leader

- 100% Talga owned Aero Lithium Project
- Greenfields discovery with rock samples up to 1.9% Li_2O with ~50km strike of untested pegmatites in 270km^2 area
- World-leading lithium producer Sociedad Química y Minera de Chile S.A ("SQM") earning up to **70%** in Aero by sole funding **US$19.0m** exploration expenditure
- Preliminary fieldwork has commenced with site visits and initial surveys
- Formal commencement of JV and fieldwork awaiting Swedish foreign investment approval for SQM

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See: ASX:TLG 21 June, 31 October 2024.

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JORC Graphite Reserve and Resources

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Ore Reserve [3, 5]	Tonnes	Graphite (% Cg)
Nunasvaara (JORC 2012)	**2,260,140**	**24.1**
Probable	2,260,140	24.1

Mineral Resources [1, 2, 4, 6, 7, 8]	Tonnes	Graphite (% Cg)
Vittangi (JORC 2012)	**35,020,000**	**23.8**
Indicated	26,691,000	24.3
Inferred	8,329,000	22.1
Jalkunen (JORC 2012)	**31,500,000**	**14.9**
Inferred	31,500,000	14.9
Raitajärvi (JORC 2004)	**4,300,000**	**7.1**
Indicated	3,400,000	7.3
Inferred	900,000	6.4
Total Mineral Resources	**70,820,000**	**18.8**

Note:

1. Mineral resources are inclusive of ore reserves.
2. Mineral Resources are reported at various cut off grades: Vittangi 12.5% Cg, Jalkunen 5% Cg and Raitajärvi 5% Cg.
3. Ore Reserve is reported at a cut off grade of 12% Cg.
4. Errors may exist due to rounding.

See: ASX:TLG (5) 1 July 2021, (6) 6 October 2023, (7) 27 August 2015 and (8) 26 August 2013.

JORC Exploration Target

2024 Exploration Target Vittangi Graphite Project		
Vittangi (JORC 2012)	**Low**	**High**
Tonnage Range	240Mt	350Mt
Grade Range	20% Cg	30% Cg

Note that the potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Talga compiled new and updated data from diamond core drilling, SkyTEM and ground TEM geophysical surveys, recent geological and structural mapping, deposit-scale interpretation, topographic surveys and Leapfrog modelling. Modelling of this data in conjunction with updated mine design studies on the existing and declared Vittangi Mineral Resources have enabled a revised Exploration Target of 240-350 million tonnes ("Mt") at 20-30% graphitic carbon ("Cg"). This is a significant increase from the previous 170-200Mt at 20-30%Cg (ASX:TLG 17 September 2020). Related regional tenure is under Talga control.

The majority of this estimate is proximal at depth and along strike of Talga's existing Vittangi JORC (2012) Graphite Mineral Resources of 35.0Mt @ 23.8%Cg (ASX:TLG 6 October 2023). Talga has proposed staged exploration activities designed to test the validity of the 2024 Vittangi Exploration Target, with an aim to move from an Exploration Target to a Mineral Resource Estimate. These include diamond core drilling targeting conversion of shallow and deeper Exploration Targets to Mineral Resources around the greater Nunasvaara Dome; shallower and deeper drilling of Nunasvaara South targeting conversion of Mineral Resources into Ore Reserves; further surface sampling and mapping of the conductor outcrops; ongoing stakeholder engagements, ecological and water studies; and detailed stratigraphic interpretation and definition of parallel units and lenses currently excluded from the Exploration Target for potential inclusion in further updates. Exploration activities are expected to take several exploration seasons to complete with initial exploration of depth and extensional targets planned to commence in Q3 2024 pending expenditure allocation.

Reviews of JORC Exploration Targets will be undertaken where significant changes are indicated by continued exploration.

See Talga's ASX announcement dated 16 May 2024 for further information.

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See: ASX:TLG 17 September 2020, 6 October 2023, 16 May 2024.

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Competent Person Statements

The Vittangi Mineral Resource estimate was first reported in the Company's announcement dated 6 October 2023 titled 'Talga boosts Swedish battery graphite'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and that all material assumptions and technical parameters underpinning the Resource estimate in the previous market announcement continue to apply and have not materially changed.

The Nunasvaara Ore Reserve statement was first reported in the Company's announcement dated 1 July 2021 titled 'Robust Vittangi Anode Project DFS'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and that all material assumptions and technical parameters underpinning the Reserve estimate in the previous market announcement continue to apply and have not materially changed.

The Jalkunen Mineral Resource estimate was first reported in the Company's announcement dated 27 August 2015 titled 'Talga Trebles Total Graphite Resource to Global Scale'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and that all material assumptions and technical parameters underpinning the Resource estimate in the previous market announcement continue to apply and have not materially changed.

The Raitajärvi Mineral Resource estimate was first reported in the Company's announcement dated 26 August 2013 titled '500% Increase to 307,300 Tonnes Contained Graphite in New Resource Upgrade for Talga's Swedish Project'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and that all material assumptions and technical parameters underpinning the Resource estimate in the previous market announcement continue to apply and have not materially changed.

The Company first reported the production target and forecast financial information referred to in this presentation in accordance with Listing Rules 5.16 and 5.17 in its announcement titled 'Robust Vittangi Anode Project DFS' dated 1 July 2021. The Company confirms that other than the capex updated in the FEED Study first reported in the Company's announcement titled 'Completion of Vittangi Anode Project FEED Study delivers strong results' dated 15 April 2024 all material assumptions underpinning that production target and forecast financial information derived from that production target continue to apply and have not materially changed.

The Company first reported the production target and forecast financial information referred to in this presentation in accordance with Listing Rules 5.16 and 5.17 in its announcement titled 'Positive Niska Scoping Study Outlines Pathway to Globally Significant Battery Anode Production' dated 7 December 2020. The Company confirms that all material assumptions underpinning that production target and forecast financial information derived from that production target continue to apply and have not materially changed.

The Company first reported the production target referred to in this presentation in accordance with Listing Rule 5.16 in its announcement titled 'Vittangi Anode Project Expansion: Interim Scoping Study' dated 11 June 2024. The Company confirms that all material assumptions underpinning that production target continue to apply and have not materially changed.

The Information in this presentation that relates to prior exploration results for the Vittangi Graphite Project is extracted from ASX announcements that are referred to in the relevant slides of the presentation and that are available to view on the Company's website at www.talgagroup.com. The Company confirms that it is not aware of any new information or data that materially affects the exploration results included in the relevant original market announcements. The Company confirms that the form and context in which the Competent Person and Qualified Person's findings are presented have not been materially modified from the relevant original market announcements.

The information in this presentation that relates to the Vittangi exploration target is based on information compiled by Albert Thamm. Mr Thamm is a consultant to the Company and a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy (Membership No.203217). Mr Thamm has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Mr Thamm consents to the inclusion in the persentation of the matters based on his information in the form and context in which it appears.

The Information in this presentation that relates to prior exploration results for the Aero Project is extracted from ASX announcements that are referred to in the relevant slides of the presentation and that are available to view on the Company's website at www.talgagroup.com. The Company confirms that it is not aware of any new information or data that materially affects the exploration results included in the relevant original market announcements. The Company confirms that the form and context in which the Competent Person and Qualified Person's findings are presented have not been materially modified from the relevant original market announcements.